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## Maine Perspective

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University of Maine Upward Bound students Ben Morey of Deer Isle and Elsie Katz of Gouldsboro found a fun way to cool off on a summer day, but their participation in a benefit car wash last week had a very serious goal - to raise money for Midwest flood victims. The car wash, held in two locations in Orono and Old Town, raised over \$100 for flood disaster relief. More than 20 UMaine Upward Bound students participated in the fund-raising event.

Photo by Monty Rand

## UMaine Composting Reducing Waste Stream

Recycling initiatives, innovative research and economic realities have combined in the University of Maine Compost Project to create marketable, high-quality mulch while reducing the solid waste stream on campus.

Earlier this summer, the first of UMaine-made compost was available for sale in the Brewer Agway store on a trial basis. The first 55 cubic yards, advertised by a small, hand-written sign in the store that read: "UMO Compost," sold out in a matter of weeks. The next supply of the compost is expected to be ready by the end of the month.

The finished compost product being sold and used on campus is unscreened (not super-fine consistency), but has been through the composting process, including being kept at 140 degrees F for three days to kill weed seed and fungus.

"Composting on campus to this point had been a cooperative, low-funded operation," according to Scott Wilkerson, UMaine waste reduction and recycling coordinator. "Now we're looking to expand to include food waste in the compost as a waste management tactic - keeping the post-consumer waste from going to PERC or down the drain in the Dining Commons."

The Compost Project, operated by Facility Management's Waste Management Shop in cooperation with the Department of Bio-Resource Engineering, began in 1990 when leaf and organic lawn waste from campus was composted with liquid manure from the anaerobic digester at the Witter Center. After more than a year, the

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## Professor to Help in Arab-Israeli Peace Talks

James Sherburne, director of the University of Maine Office of International Programs, recently became an advisor to the Jordanian delegation in Arab-Israeli peace talks.

Anis Mousher, the leader of the Jordanian delegation, invited Sherburne to serve as an advisor in developing plans for a regional conservation school for the Arab-speaking countries. The school would be a four-year training center for people to learn management skills required for the conservation of protected areas, biological and veterinary techniques, and how to implement conservation programs on biological reserves, according to Sherburne.

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### In Perspective

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## UMaine Students Volunteer with Habitat for Humanity

They are University of Maine students majoring in disciplines ranging from journalism to wildlife management. And they can swing a hammer and drive a nail with the best of them.

As volunteers for the Greater Bangor Habitat for Humanity, which was organized in 1988 by a group of church people determined to do something about the plight of low-income families living in substandard housing, the dozen students were among a group that constructed a home for Bertrand and Cassandra Landry and their two children in Bangor during the 1992-93 academic year.

According to C. Stewart Doty, UMaine professor of history and outgoing vice president of Greater Bangor Habitat for Humanity, "That's the first time we've made an attempt to involve students. It was fun for them. As far as building skills go, some had them and some didn't. We were so determined to get the family in that we borrowed money from a couple of churches and one individual."

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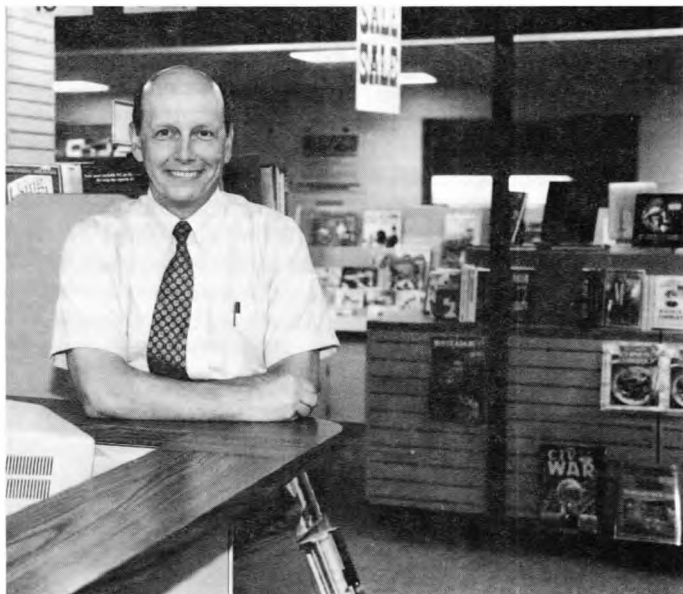
## New Bookstore Director Looks Forward to His First Fall Semester at UMaine

Ron Reisinger has been in the college bookstore business for 15 years, and in that time he's seen a lot of bookstores.

But from the moment he walked into the University of Maine Bookstore earlier this year, he was struck by one observation: "You can't beat the crew here."

"The first thing I noticed was the amount of service-oriented people here on the bookstore staff," said Reisinger, who will soon be seeing his first fall semester as the new UMaine Bookstore director. "The difference between a bookstore and a good bookstore is in the service orientation," he said. "In a world of self-service retailing, people are still looking for service."

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Ron Reisinger

*Photo by Monty Rand*



The papers of University of Maine professor emeritus Brooks Hamilton are now keeping company with those of several presidents and at least one King. The Hamilton papers, representing 40 years in the life of the legendary journalism professor, have been donated to Fogler Library's Special Collections, the repository of historic University and Maine records including papers of past UMaine presidents and such distinguished alumni as author Stephen King. Hamilton joined the University faculty in 1952. His papers from his decades at UMaine include course records and department files, documentation regarding landmarks in Maine journalism history, and other historic footnotes. Found in the papers is one of the largest collections of documentation regarding the William Westmoreland libel lawsuit against CBS in the early 1980s - the result of a class project. Hamilton kept files of his ongoing acerbic correspondence with right-wing New Hampshire newspaper editor William Loeb, as well as all the work the Journalism Department did throughout the years for Maine media in the name of public service. When writing the history of the right to know law or the Maine Press Association, for example, the Hamilton papers would be a good place to begin research. Of the boxes and boxes of papers now catalogued in Special Collections, including letters from a cousin written during World War I and even a Civil War letter from a family member, Hamilton says his favorite is still his 1952 appointment letter from President Arthur Hauck because "it changed my life." Hamilton also noted the importance of more long-time UMaine faculty donating their papers to Fogler. "If they just drift away and leave stuff in their departments, it gets lost," he said. "All of this is history and someday someone's going to want it." Such donations add "more prestige to the collection," according to Special Collections librarian Muriel Sanford. "Faculty have done such wonderful things, and if they throw their papers away, they throw away the heritage of the University. Such papers reflect the breadth of their scientific investigation, their work in the state, and their contributions to the community and University," she said.

*Photo by Monty Rand*

June 11, the Interlibrary Loan Department of the University of Maine Fogler Library received the following award: Neline Interlibrary Loan Advisory Committee Interlibrary Loan Department of the Year Award 1992-93. Each year this award is presented to the interlibrary loan department in New England that receives the most votes from other New England ILL Departments. The vote is based on volume and quality of service. The UM ILL department has been the fifth largest lender in New England for the past two years.

## Maine Perspective

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*University of*  
**Maine**

# U Maine Calendar

AUG. 8-SEPT. 7

All events are free and open to the public unless otherwise specified. Any speaker not otherwise identified is a member of the University of Maine faculty, staff or student body. Send notices of upcoming campus events to: *Maine Perspective* Calendar, Public Affairs. Calendar of events listings MUST be type-written and should be sent AT LEAST TWO WEEKS in advance. Deadline for each issue: 9 a.m. Friday. For more information, call x3745.

## 8 Sunday

**One Inch Fellow**, a Theatre of the Enchanted Forest production of the Charles Wilcox play, 2 p.m. and 4 p.m., Aug. 8, Pavilion Theatre. Donation, 945-0800.

## 9 Monday

**"The Design and Implementation of a Simulator for Four Microprogrammable State Machines,"** an oral exam by Bruce Littlefield, candidate for master's degree in electrical engineering, 10 a.m., Aug. 9, 152 Barrows Hall.

**"Behavior of Welded Girders with Corrugated Webs,"** an oral exam by Robert Hamilton, candidate for Ph.D., 10 a.m., Aug. 9, Boardman Hall.

## 10 Tuesday

**"Life Cycle, Morphology and Zoospore Ultrastructure of *Monoblepharis polymorpha*,"** an oral exam by Marilyn Mollicone, candidate for master's degree in plant biology and pathology, 8 a.m., Aug. 10, 101C Deering Hall.

## 11 Wednesday

**"The Motion of Oblate Spheroidal and Spherical Particles in a Shearing Field,"** an oral exam by Kevin Hase, candidate for master's degree in chemical engineering, 2 p.m., Aug. 11, 222 Jenness Hall.

## 12 Thursday

**"Topological Relations Between Regions in Raster Space,"** an oral exam by Jayant Sharma, candidate for master's degree in computer science, 10 a.m., Aug. 12, 210 Neville Hall.

**"Postbuckling Behavior of Composite Panels in Shear,"** an oral exam by Joe Daniel Diniz Melo, candidate for master's degree in mechanical engineering, 10 a.m., Aug. 12, 210 Boardman Hall.

**"Detecting Damage in Bridges Using Modal Analysis,"** an oral exam by Brian Detwiler, candidate for master's degree in mechanical engineering, 1 p.m., Aug. 12, 210 Boardman Hall.

## 13 Friday

**"An Investigation of the Vortex System in the Vicinity of the Cover of an Electronics Package Sample,"** an oral exam by Scott Wardwell, candidate for master's degree in mechanical engineering, 10 a.m., Aug. 13, 204 Crosby Laboratory.

**"Who's in Control Here Anyway?: Perceptions of Parenting Competence and Parent-child Interactions of ADHD**

**and Normal Parents,"** an oral exam by Leesa Schandel, candidate for master's degree in human development, 10 a.m., Aug. 13, 14 Merrill Hall.

**"Area Requirements and Habitat Selection of Grassland Birds in Maine,"** an oral exam by Peter Vickery, candidate for Ph.D. in wildlife, 1 p.m., Aug. 13, Nutting Hall.

## 14 Saturday

Les Arts Florissants performing Purcell's *Dido and Aeneas*, and Charpentier's *Actéon*, part of the Maine Center for the Arts summer series, 8 p.m., Aug. 14, Hutchins Concert Hall. Admission fee. x1755.

## 19 Thursday

**"Instream Biological Information in Water Quality Management: Criteria Development, Policy Formulation and**

**Implications for Future Management,"** an oral exam by David Courtemanch, candidate for Ph.D., 1 p.m., Aug. 19, 107 Boardman Hall.

## 28 Saturday

**Performance by Gregory Hines**, part of the Maine Center for the Arts summer series, 8 p.m., Aug. 28, Hutchins Concert Hall. Admission fee. x1755.

## 30 Monday

**"Surface Study on Nickel Base Alloy Inconel 718 (001) Single Crystal,"** an oral exam by Xuejun Pang, candidate for master's degree, 10 a.m., Aug. 30, 112 Aubert Hall.

## 7 Tuesday

Fall Classes begin.

**SEND FALL SCHEDULES OF  
UNIVERSITY OF MAINE ACTIVITIES AND EVENTS TO:  
Maine Perspective, Department of Public Affairs.**

## Ongoing Events

**Latin American Environmental Leaders Conference**, Aug. 9-11. Registration fee. x3795.

**"Crossing Lines: Histories of the Jews and Gentiles in Bangor, Mount Desert and Calais, Maine,"** an exhibit of historic photos and paintings collected by author Judith Goldstein, Aug. 9-Sept. 17, Carnegie Hall. Tour and opening reception 6:15 p.m., Aug. 12, as part of the conference: "Ethnic Contacts in Northern New England, the Atlantic Provinces and Québec." x3255.

**"Ethnic Contacts in Northern New England, the Atlantic Provinces and Québec,"** a conference designed to examine the roles of Native Americans, Franco-Americans, Jews and Italians in the history and future of the area, Aug. 12-14, 100 Neville Hall. Registration fee. x4092.

**Hudson Museum tours**, 1:30 p.m. every Tuesday through Aug. 31. x1901.

**"Campus Past/Campus Future: Creating Community,"** an Institutional Planning exhibit, through early fall, Alumni Hall. x1587.

**"Encounters: The Legacy of Columbus,"** a Hudson Museum exhibit of 22 color reproductions of antique maps and book illustrations, through Oct. 10, Maine Center for the Arts. x1901.

**"Faces of Nepal,"** a Hudson Museum exhibit of photographs of people in Nepal by Mark Sisco, freelance outdoor and travel photographer, through Oct. 10, Maine Center for the Arts. x1901.

**Newman Center/Our Lady of Wisdom Parish Weekly Liturgy:** Sunday, 9:30 a.m., 6:15 p.m., Newman Center, and 11:15 a.m., Bangor Lounge, Union; Monday-Thursday, 4:45 p.m., Newman Center. 866-2155.

**Support Staff Women Brown Bag Lunch**, every Wednesday, 11:30 a.m.-1 p.m., Women's Resource Center, 101 Fernald Hall. x1508.

**Women Administrators at the University of Maine Brown Bag Lunch**, every first Thursday of the month, 11:30 a.m.-1 p.m., Women's Resource Center, Fernald Hall. x1508.

**Muslim Prayer**, every Friday, noon-2 p.m., Drummond Chapel. x2790.

# Latin American Environmental Leaders Attend Conference

Environmental leaders from nine Latin American countries will participate in a University of Maine conference Aug. 9-11 to exchange ideas on international environmental protection and conservation.

The three-day conference, sponsored by the UMaine Office of International Programs, will focus on the economic, political and social implications of balancing economic development with environmental protection.

UMaine faculty members, staff and students from various disciplines will discuss natural resource economic considerations; ecological research considerations; recycling; monitoring changes in tropical forests; linking markets to promote development; and sustainable agriculture.

Environmental leaders from Argentina, Bolivia, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Panama and Peru are expected to attend. The conference includes three field trips to illustrate the practical application of the conservation and management ideas discussed throughout the program. A trip to the Hirundo Wildlife Refuge in West Old Town will examine forest management with a focus on wildlife habitat. The balance between applied research needs and government management of the environment is highlighted in a tour to the U.S. Department of Agriculture Forest Service Experiment Station. Acadia National Park provides the setting for a discussion about the sometimes conflicting roles of education, research, management and enforcement within a national park.

"Scientists who go to Latin America often go with their own agenda," said David Fournier, a graduate research assistant in forest management who is coordinating the UMaine visit for the Office of International Programs. "This conference looks more at what is locally applicable. We are letting the participants tell us what they feel are their problems and we are taking the time to sit down and listen. Only then can we discuss options together, rather than us telling them what their solutions ought to be."

The UMaine visit is part of a month-long tour of the United States funded by the United States Information Agency. The environmental specialists, including government, private and university leaders, are examining global issues such as international conservation, shifting economic bases and changing attitudes toward the environment during their tour of the country.

The environmental implications of development, wildlife conservation, grassroots environmental activism and education, and public awareness programs are all to be addressed during the U.S. tour.

The public is invited to attend the daily lectures, but discussion sessions are limited to participation of conference attendants. For more information, call David Fournier, 581-3795.

## **International Conference on Conservation and the Environment in Latin America and United States Public Lectures 204 Nutting Hall**

### **August 9**

- 9:30-10:15 a.m. - "National Resource Economic Considerations," Mark Anderson  
10:45-11:30 a.m. - "External Markets: Links to Promote Sustainable Development," Richard Jagels  
11:30 a.m.-12:15 p.m. - "Basic Ecological Research Considerations in Latin America," William Glanz

### **August 10**

- 9:45 a.m. - "Tropical Forest Change Monitoring: Technologies & Issues," Steven Sader  
9:45-10:30 a.m. - "Sustainable Approaches in Agriculture for Developing Countries," Elizabeth Dyck  
11-11:45 a.m. - "Community Participation in the Planning and Management of Protected Areas," Leslie Hudson  
11:45 a.m.-12:30 p.m. - "Recycling Technologies: The University of Maine Strategy," Scott Wilkerson

In addition, members of the University community are invited to participate in the "Ice Breaker" reception of the International Conference. The reception, 5-7 p.m., Aug. 9, Nutting Hall Lobby, is expected to be of particular interest to UMaine international students.

Among the international environmental protection and economic development leaders expected to attend the conference are:

Argentina - Angel Longarte; Carlos Elias Merenson  
Bolivia - Alan Bojanic Helbingen; Hermes Justiniano  
Ecuador - Lourdes de Jaramillo  
El Salvador - Norma Jeannette Jimenez Iglesias  
Guatemala - Billy Alquijai; Yamara Hernandez; Luis Castaneda  
Honduras - Gloria Zelaya  
Mexico - Ruben Islas Fuentes  
Panama - Daniel Hernando Castaneda Dogirama; Juan Demostenes Conte Liao; Graciela Palacios  
Peru - Martha Ines Aldana Duran; Jorge Lanza Villacorta

## **Habitat for Humanity** *continued from page 2*

The students began construction of the three-bedroom, wood-frame house on a concrete slab in late October and the family moved into its new home in February. "They built a six-foot retaining wall out of railroad ties," Doty said. "Because of the slope of the land, we had to put in a retaining wall before construction. The family wanted a storage shed and the students built it by themselves." The students also worked on the rough carpentry, interior painting, siding and other aspects of the job.

As a grassroots movement, Habitat for Humanity is decentralized and accepts no government funds. It has sponsored projects throughout the world. The Bangor home is the second house constructed by the Greater Bangor Habitat for Humanity.

"We want to start a third house in the fall, also using University people," Doty said. "The real nuts and bolts is in the local, autonomous organizations. We raise our own funds, find a lot and interview the family to be helped. Part of the fund raising is in donated materials. We are able to put up a house for \$30,000-\$35,000."

Composed of both construction professionals and laypersons, Habitat for Humanity requires its members to exercise strict building standards. ▲

### **MARYANN HARTMAN AWARD NOMINATIONS**

**Constance Hedin Carlson  
Margaret Chase Smith  
Joan Benoit Samuelson  
Mabel Wadsworth  
Harriet Henry  
Eunice Baumann-Nelson  
Lilianne Labbé  
May Sarton**

What do all these women have in common? They have all been honored by the Women in the Curriculum Program with Maryann Hartman Awards for Maine women of distinction. Named for the late Dr. Hartman, associate professor of speech communication, a most distinguished educator, feminist, scholar, and humanist, the Awards are given yearly to Maine women whose achievements in the arts, politics, sports, business, education, and community service provide inspiration for women.

Do you know a woman you would like to nominate for the seventh annual Maryann Hartman Awards this fall? If so, please send her name and a description of her accomplishments to the Office of the Women in the Curriculum Program, 101 Fernald Hall. Be sure to include your name and address, so we can contact you for more information if we need to. We would like the nominations by Aug. 23.

Would you like to serve on the committee which selects the awardees and plans the ceremony? Send your name, address, and schedule to the WIC office as well.



## Page Farm and Home Museum Preparing for Open House



Bill Reed

Bill Reed remembers the first day he walked into the Page Farm and Home Museum. It was like *deja vu*.

"When I walked in, I just stood and looked up. There I saw the hayloft of every barn I've ever been in," Reed said. "It's a remarkable entrance. No matter what is on the first floor, you look up and see a masterpiece of architecture."

Reed knows his barns. Throughout his four years of high school, Reed worked at Willowbrook at Newfield Restoration Village, a 19th

century restoration project that has been open to the public since 1970 featuring 27 structures and over 120,000 artifacts. What began as odd-jobs like cutting grass at the Village turned into the job of curator through the years. It was working with Village founder Donald King that Reed learned a lot about restoration and preservation.

"It began as an after-school opportunity for work," according to Reed. "I moved from cutting grass to restoration to exhibiting. I found I liked it because you learn something of the present by

looking at the past. You can look at artifacts from the 1800s and see where modern-day things came from and how life has really changed."

Now Reed is a senior at the University of Maine studying for a degree in public administration. For the past two years, he has been working with members of the Page Farm and Home Museum Committee, preparing the artifacts and the exhibition area in the two-story turn-of-the-century barn that remains as the lone remnant of a complement of agricultural buildings that stood on campus during the late 19th century.

The goal is to have the basement and first floor of the barn ready for an Open House Sept. 18 as part of Family and Friends Weekend.

Working with artifacts and exhibits at the Page Farm and Home Museum will be different than his past restoration work, said Reed, who has spent much of the summer cataloging collections containing more than 1,000 artifacts that have been donated to the Page Farm and Home Museum to date. At Willowbrook, he said, artifacts were restored to original condition to "look like they did the day they were bought."

"Here we fix things if they need fixing to demonstrate how they worked," he said. "We're looking more at preservation than restoration, keeping things from deteriorating. For instance, our biggest concern is with rust abatement since most of the artifacts are in wood and metal."

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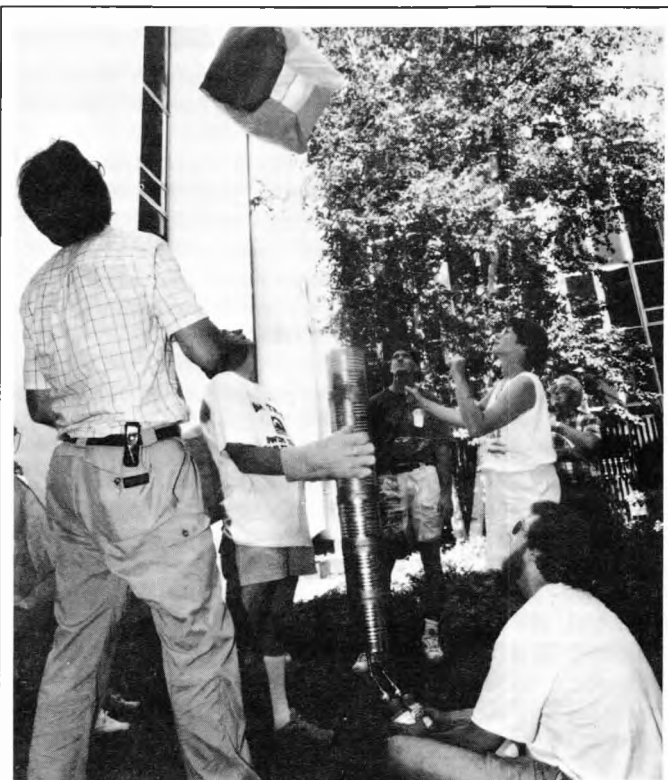


Earlier this summer there was theater in the park when Tom Mikotowicz and three University of Maine students entertained more than 1,000 area youngsters with their songs, poetry and acting. The eight performances given in parks in Orono, Old Town, Brewer and Bangor, were part of a three-week summer course in children's theater production that was first offered at UMaine in 1989. The course, taught by Mikotowicz, assistant professor of theater, focuses on creative dramatics rather than children's theater - creative interpretations of songs, poems and stories. "We didn't just perform for the kids," Mikotowicz said. "For instance, one of the components was to incorporate kids into the shows. Going through the Black Forest, the kids acted as trees and scary spiders. Rather than memorizing scripts for three weeks, it was improvisational." With Mikotowicz providing musical accompaniment on guitar,

performing the songs he wrote, students Francis Grey, Dena Henderson and Gail Magee took to the stage with members of their enthusiastic audiences. The theater-in-the-park project, offered through local Parks and Recreation divisions, is good outreach for the University, Mikotowicz said, and provides an opportunity for young people to see a live performance. "It's like reading books and being exposed to great art. Live theater expands the children's horizons and opens up new possibilities about their lives," Mikotowicz said. For the University students, "it really is a laboratory experience, putting into practice the theory discussed in class," Mikotowicz said. "And it can be very unpredictable - like mixing chemicals in a lab. Like the performance when a 2-year-old wouldn't take no for an answer and had to be in the Black Forest. The audience loved it, recognizing the human spirit of that child." The theater-in-the-park troupe has a final performance scheduled for Sept. 5 at the Bangor Mall.

*Photos by Janice Parks*





About 70 Maine public school teachers of grades K-12 spent three weeks last month at the University of Maine participating in hands-on science and math activities that they can take back to their classrooms as part of a statewide education reform effort. The Orono Science and Math Academy, held July 6-23, was one of three in the state sponsored by the Maine Mathematics and Science Alliance. The academies are part of a statewide science and math education reform process that began with a \$10 million National Science Foundation grant to Maine. The focus of the three-week intensive course was to get away from lecture-style teaching and move toward more innovative, hands-on classroom activities to inspire, interest and educate students. About 40 staff people from Maine higher education institutions, and elementary and secondary public schools, led workshops and projects, including a Hot Air Balloon Project in which teachers of grades K-6 built and flew their tissue paper balloons as part of a "math and science adventure" to study buoyancy, calculate areas and volumes, and integrate writing skills. Members of the Orono Academy staff assisting with one of the many trial balloon liftoffs were, left to right, Tad Johnston, Richard Glueck, Anne Wehrmann and Chris Chilili. Other projects included such topics as: "What would a Passamaquoddy village look like in the winter of 1491?" "Soap Bubble Statistics" and a salmon hatchery simulation game. The Orono Science and Math Academy was chaired by Robert Franzosa and Thomas Hannula. Photo by Monty Rand

## Peace Talks *continued from page 1*

"I think it's important for the Arab World to work together because most of their environmental issues and needs are linked," Sherburne said.

The Arab-speaking countries share the same concerns over population, natural resources, and good water supplies, and face the same effects on natural resources by wars in the area, Sherburne said. If the school is agreed on through the peace talks, UMaine would be responsible for the design and set-up of the school and its curriculum.

Sherburne, also a professor of wildlife at UMaine, has more than 20 years of experience in planning and setting up numerous natural resources conservation projects in developing countries, including extensive work in Africa. Among positions held with public and private organizations, Sherburne has served as director and program manager for the Smithsonian Institution-Peace Corps Environmental Program with projects in Asia, Latin America, Africa and the Near East, and as director of African Operations for the African Wildlife Foundation in Kenya. ▲

## Farm and Home Museum *continued from page 5*

Artifacts ranging in size from hand-held implements to horse-drawn wagons will soon be on display as part of exhibits throughout the lower and first floors. There will be exhibits showing creamery, dairy, beef and poultry production, as well as a display of hand cultivation tools on the lower level. The first floor will include familiar farm and home scenes from the turn of the century including a general store, named in honor of Pat Farnsworth, founder of Pat's Pizza, and a kitchen to be known as Brownie's Kitchen, in honor of Mildred "Brownie" Schrupf.

The second floor will be used as a storage and prep area for the first year the Museum is open.

The building has ground-level accessibility, with fund raising still going on to install an elevator that will be housed in an attached silo. Also slated for future restoration is the nearby Winston E. Pullen Carriage House, which will one day house a blacksmith exhibition complete with a working forge.

Future plans for the Museum include inclusion of a working sap house, and the moving of a one-room schoolhouse from Holden to the campus.

An acquisitions committee for the Museum has been established to consider the myriad of artifact donations from throughout the state. With enough artifacts, Reed said he hopes one day that the Museum will have rotating displays and permanent exhibits that can be updated to reflect seasonal changes. "Those are the kinds of things that keep museums alive - part of living history - rather than being static," Reed said.

Throughout the Museum, visitors will experience a celebration of rural life in Maine that has been the thrust of the barn renovation and Museum creation since planning began in 1986.

"Farming was a way of life in rural Maine - a hard life but people loved it," Reed said. "It gave them a sense of community, of family. It was a way of life from sun up to sun down that brought families together. It is an exciting time in history and an important part of Maine history. It's also part of the University's history, and we should record it." ▲

## Composting *continued from page 1*

biodegradable material was recycled back to campus grounds in the form of landscaping material.

The Project was expanded in 1992 when leaf and yard waste from Orono was collected - increasing the volume of composted material five-fold. It was aided dramatically by the invention of a compost turner by UMaine researcher Tom Christensen, associate professor of bio-resource and forest engineering. The compost turner cut the composting time to 10 months at UMaine, which has become a test site for high-volume municipal composting.

Now the Compost Project is looking to expand again, this time to tackle the 15 tons-20 tons of post-consumer waste - leftovers and plate scrapings - generated on campus annually. The removal of post-consumer waste from the solid waste stream will complement the 32 tons of pre-consumer (food preparation) waste that go to the Witter Center each year to be reused via the anaerobic digester. In addition, use of a tub grinder in the waste management project allows even waste wood that once went to PERC as incinerator fuel to be ground to particle size and used in compost.

It is estimated that in the past three years, UMaine's municipal solid waste stream has been reduced by 63 percent.

Since its inception in 1990, the UMaine Waste Reduction and Recycling Program has done extensive community outreach both on campus and off, and has gained a reputation for being innovative and active. "We're promoting responsible waste management through education, public service and cooperative research," Wilkerson said. "We are also low-tech and grassroots in our mission. Our primary objective is to reduce our waste stream." ▲

# Conference to Focus on Regional Ethnic Contacts

The American premiere of an exciting new Canadian documentary about cultural diversity, and a keynote address by a leading authority on American ethnic history will highlight a conference at the University of Maine this month.

"Ethnic Contacts in Northern New England, the Atlantic Provinces, and Québec," Aug. 12-14, will examine the roles of Native Americans, Franco-Americans, Jews and Italians in the history and future of this area. Chaired by Jerome Nadelhaft and David Smith of the History Department, the conference will feature research papers, films and panel discussions designed to examine the history of ethnic contact in the Northeast and to provide a context for the importance of ethnicity education in today's high schools.

The conference is sponsored by the Maine Humanities Council and the University of Maine.

In association with the conference, a related exhibit: *Crossing Lines: Histories of the Jews and Gentiles in Bangor, Mount Desert and Calais, Maine*, will be on display in Carnegie Hall. The exhibit of historic photos and paintings collected by author Judith Goldstein, one of the conference presenters, will have its opening reception 6:15-9:30 p.m., Aug. 12, and will include a keynote address by John Higham, professor emeritus of history with Johns Hopkins University.

Higham is widely published in the field of American history and is known as a specialist on immigration and American ethnic history. The topic of his address will be: "American Identities: Belonging and Separateness in the USA."

The following evening, the Canadian documentary: *Bonjour Shalom* will have its American premiere at 7 p.m. in 101 Neville Hall. The film provides a portrait of two different cultures living side by side in the small municipality of Outremont, which is surrounded by Montreal. Here exist two communities - Hassidic Jews and their mostly French-speaking neighbors - who seemingly have little in common. From a series of personal accounts, the documentary sketches the portraits of the two communities, showing what separates them and what brings them together.

Among the papers to be presented will be some that focus on stereotypes of and discrimination against Franco-Americans, the Mi'kmaq and dance, and Native American women. While

many of the speakers are from UMaine, which highlights the diversity of interest on the campus, others are coming from Minnesota, New York, Vermont and Nova Scotia.

## ***Ethnic Contacts in Northern New England, the Atlantic Provinces and Québec*** **100 Neville Hall**

### **August 12**

#### **1:20 p.m.**

"Mi'kmaq and Dance," Trudy Sable, Saint Mary's University, Halifax, and Vaughn Doucette, Eskasoni Reserve, Cape Breton.

"Linguistic Aspects of Ethnicity Among Native Peoples of Maine," Kathleen March.

#### **3-5 p.m.**

"Immigrant Adaptation in a New England Context: Burlington, Vermont's 'Little Jerusalem,' 1880-1940," by Richard Bercovitz, Conference on Judaism in Rural New England, Burlington.

"Speaking Jewish: Three Generations of Trying to 'Fit' in America," by Judith Goldstein, author of *Crossing Lines: Histories of Jews and Gentiles in Three Communities*.

"Italians and Assimilation," Al Banfield, St. John's School, Bangor.

#### **6:15-9:30 p.m.**

Tour of *Crossing Lines: Histories of the Jews and Gentiles in Bangor, Mount Desert and Calais, Maine*, an exhibit of historic photos and paintings collected by author Judith Goldstein, Carnegie Hall.

"American Identities: Belonging and Separateness in the USA," keynote address by John Higham, professor emeritus of history, Johns Hopkins University, Carnegie Hall. Keynote followed by opening reception for *Crossing Lines*.

### **August 13**

#### **9-11 a.m.**

"Cultural Contact and Imagined Communities in John Williams' Indian Captivity Narrative," Michelle Burnham, State University of New York at Buffalo.

"Abla Farhoud's *The Girls of the Five and Ten*," Lisa Majaj, Program in American Culture, University of Michigan.

"Lesbian Body/Lesbian Community: The Writing of Nicole Broissard and Betsy Werland," Christina Passman.

#### **11:30 a.m.-1:30 p.m.**

Film: *The Immigrant*, a Chaplin film, 101 Neville Hall.

Film: *The Immigrant Experience: The Long, Long Journey*, a dramatization of a Polish-Catholic immigrant youth growing up in Brooklyn during World War I.

#### **2-4 p.m.**

"Grandmother, Daughter, Princess, Squaw: Images of Native American Women in Historical Perspective," Pauleena MacDougall.

"Subsistence or Strategy: Cattle Killing and Abenaki Migration, 1725-1765," David Ghre, University of Minnesota-Twin Cities.

"Captives Among the Abenakis, 1605-1760," Alice Nash, Columbia University.

#### **7 p.m.**

American premiere of the Canadian documentary: *Bonjour, Shalom*, 101 Neville.

### **August 14**

#### **9-11 a.m.**

"How Many Frenchmen Does It Take to ...": One Hundred Years of Discrimination Against Franco-Americans," C. Stewart Doty.

"Communication Diversity and Franco-American Identity Politics," Eric Peterson.

"The Cultural Trigonometry of Franco-American Stereotypes," Barry Rodrigue.

#### **11:30 a.m.-1 p.m.**

"Teaching the French Language to Franco-American Students: The Untold Story," Robert Rioux.

Panel Discussion featuring Kathryn Slott and Raymond Pelletier.

#### **1:30-3 p.m.**

"Ethnicity, Multiculturalism and Public Policy: A Panel Discussion," featuring Cynthia Mahmood, Mary O'Meara, Jacques Ferland.

#### **3:30-5 p.m.**

"On the Front Line: Ethnicity and High School," a panel discussion.

## ***Graduate Student Play Headed to New York***

An original play by a University of Maine graduate student will have its New York premiere Aug. 14 when it is performed by two UMaine theatre students under the direction of Tom Mikotowicz.

*Layover*, written and directed by Bethane Austin, was first seen by UMaine audiences last March in the Pavilion Theatre, along with three short plays that were part of the Department of Theatre/Dance state tour for high schools. Aug. 14-29, all four of the plays will be performed at the Ryan Repertory Theatre in Brooklyn, where Mikotowicz has been invited to be guest director.

*Layover* and the three 15-minute works that were part of *An American Sampler - Sure Thing, Here We Are and I'm Herbert* - will be performed by UMaine theater students Christopher Snipe and Deborah Elz, with Daniel Collins as stage manager. It is expected that Austin will be in New York for the premiere.

Austin, who is from Brunswick and a recent UMaine graduate with a master's in speech communication, wrote *Layover* as part of a graduate independent study project under the direction of Mikotowicz. "She worked on it for nine months," Mikotowicz said. "It was 11 pages long when it started, now it's 48 pages and some of the best writing I've seen on this campus. Beth has a good sense of structure and form."

*Layover* is the story of a man and woman who meet for the first time in Logan Airport while waiting for a plane. The contemporary work is about communication - and intentional miscommunication.

Austin, who has written and directed a number of her own works, is interested in pursuing a doctorate in performance studies.

## **A JAPANESE EVENING**

**with students from Tezukayama University**

**AUGUST 6, 6-8 P.M., UNION**

**Activities include:**

**Bon O Dori Dancing on the patio**

**Ikebana Demonstration (flower arranging)**

**Tea Ceremony**

**Shodo Demonstration (calligraphy)**

**Origami Demonstration (paper folding)**

**Demonstration of Children's Toys and Games**

**Join us for this celebration of Japanese culture**





A six-day journey came to an end last Thursday when University of Maine Swimming Coach Jeff Wren emerged from the Stillwater River after swimming 65 miles from Medway to Orono to raise funds and awareness for the Maine Swimming and Diving Endowment. More than a dozen individual and corporate sponsors pledged almost \$15,000 to benefit the Endowment, held by the University of Maine Foundation. Despite cooler-than-expected water temperatures and gray skies throughout much of his journey, by late Monday Wren was ahead of the 12-mile-a-day schedule and had already surpassed the 41-mile mark, swimming six-seven hours each day. Just after noon on Thursday, Wren stepped onto the shore of the Stillwater near the UMaine Steam Plant where he was greeted by family members, friends and well-wishers. Among those on hand to congratulate the coach were two of his children, local media representatives, and University, Foundation and Endowment representatives, left to right: John Halstead, vice president for Student Affairs; Mike Ploszek, director of Athletics; Wren; Garth Chandler and Kerry Woodbury, co-chairs of the Maine Swimming and Diving Endowment; and Amos Orcutt, executive vice president of the University of Maine Foundation. Wren noted that Maine swimming has a proud tradition on the Orono campus. "Preserving this sport for future generations of Maine athletes is what the Endowment is all about," he said. "Within the University of Maine System, there are no other opportunities for Maine swimmers and divers to compete at the intercollegiate level. I hope that my efforts will help attract donors to the program and also encourage prospective students to compete at the Wallace Pool and become part of our winning program." The Endowment Steering Committee, a parents and friends group that has rejuvenated the UMaine Swim Program, has reached the \$250,000 mark on its way to its \$1.5 million goal. The Endowment was initiated by a generous donation from Stephen and Tabitha King last year after funding for the Swim Program was lost to budget cuts.

Photos by Monty Rand



## Bookstore *continued from page 2*

Reisinger came to the University of Maine last February from Monroe Community College in Rochester, N.Y., where he had been a bookstore manager for 14 years. Monroe and UMaine have student populations of similar size, he said.

There have not been major modifications in the UMaine Bookstore since Reisinger took over as director. Indeed, he says his "MO is really not to make drastic changes."

"When I see a good service organization in place, I observe it to see what we can do better or move into," Reisinger said. "In our case, we've already made subtle floor changes looking at traffic flow to make the shopping experience more comfortable."

Reisinger depends a lot on the Bookstore staff to keep him in touch with customer concerns and demand when he is not able to be on the sales floor. "Bookstore personnel hear a lot of comments on the floor, especially student employees who can then act as a sounding board and help determine how to best meet student needs," he said.

In addition, an ad hoc advisory committee to the Bookstore is being rejuvenated to facilitate discussion about community concerns - a facet Reisinger says is key to learning about the University community needs. "It will give me different voices from different areas and will help in deciding future direction," he said.

When he took over as UMaine bookstore director, one of the first things Reisinger did was to review customer comment cards. There he found numerous requests to use the MaineCard in the Bookstore. As a result, beginning this fall, the MaineCard can be used to make Bookstore purchases, including textbook purchases. The MaineCard has allowed for flexible spending since 1992 with the designation of campus funds in addition to dining funds for the meal plans. But up until this year, the primary use of the

MaineCard has been for food purchases.

The UMaine Bookstore recently joined the College Stores Cooperative, a national buying group of more than 170 stores that is designed to increase members' buying power and afford lower prices on clothing, supplies and novelties. Reisinger says the Bookstore will start buying from the Cooperative for this fall, with lower prices being more and more evident as time goes on.

The Bookstore stocks more than 45,000 general reading titles, including a children's book section Reisinger describes as "second to none." Special order services on all books are available, as are reviews of books listed in a computer database. Bestsellers are offered at 25 percent off the list price, and, as it has for years, the Bookstore continues to sell \$10 discount cards that allow for 20 percent off non-textbook, non-sale general books for a year.

In textbook ordering, the primary interaction between UMaine faculty and the Bookstore, Reisinger says he hopes to begin to stem the paperflow with electronic ordering. By using electronic order forms, textbook orders to the Bookstore would be expedited, affording more time for faculty to review new books or receive replies about the status of book stocks.

"We are looking for ways to get more faculty into the store and take advantage of our complete merchandise mix," Reisinger said. "In coming months, I'll be getting out to departments to talk with faculty. We want to have the merchandise mix that students need to fulfill the requirements of their classes. Anything we can do to help faculty and students in their classes is what I'm looking for."

"We want to get the message out to the campus community to utilize the Bookstore. In this time of change and challenge, we want to provide service excellence to meet the University's mission of quality education." ▲

# The CUTTING EDGE

University of Maine Research on the Frontiers of Science

## Stinkbugs Against Potato Beetles

An army of stinkbugs - about 120,000 in all - have been sent into battle on experimental plots at Aroostook Farm to test the bugs as a natural predator against the Colorado potato beetle, the No. 1 pest of potatoes in the eastern half of the United States.

UMaine entomologists, working in collaboration with the Agricultural Research Service of the U.S. Department of Agriculture, hope the stinkbugs will feed on the voracious potato beetle that devours potato plants and accounts for 5 percent-10 percent of the annual crop losses.

The stinkbugs, released at three intervals spaced about 14 days apart, were brought in just as the Colorado potato beetles began laying their eggs. Stinkbugs - named for the foul-smelling chemical they emit as a defense against predators - are known to have an appetite for the bright orange potato beetle eggs.

Entomologists are finding that they also will eat the larvae, the soft-bodied young that hatch from the eggs and feed on potato plant leaves.

"We have seen the larger ones from the first release feeding on egg masses and larvae," says Eleanor Groden, assistant professor of entomology. The project is part of a broader program to find natural alternatives to conventional insecticides.

## Eagles in Acadia

Bald eagles on the coast of Maine are reproducing at slower rates than anywhere else in North America, say wildlife researchers at the University of Maine, who have launched a three-year study in the Acadia National Park region to find out why.

The new study follows a statewide study of inland lakes, rivers and marine habitats by UMaine researchers who found some of the highest levels of mercury, PCB and DDT contamination ever recorded in bald eagles.

The findings make it even more imperative that the bald eagle ecology along the coast be studied, says Angela Matz, UMaine graduate student who is conducting the study under the guidance of Allan O'Connell, leader of the Cooperative Park Studies Unit,

and Ray Owen, chair of the Department of Wildlife. Scientists are concerned that bald eagle productivity in Maine is lower than it should be - with only about one-half of the pairs producing young each year.

Using radio telemetry, researchers are tracking adult eagles to determine what their feeding habits are, where the key foraging areas are and other basic ecology questions. Of the 25 known bald eagle pairs in the vicinity of Mount Desert Island and Acadia National Park, two adults have been equipped with radio transmitters this year. Researchers hope to attach transmitters to about one-half of the coastal bald eagles by next year.

Newly hatched chicks are banded and both the young and adult eagles are tested for contaminants. Scientists hope the results will lead to bald eagle management recommendations for state and federal wildlife management agencies.

## Views on Rape

Nontraditional - or profeminist - women differ significantly from traditional women in their attitudes toward rape victims, depending on whether the victim physically resisted or remained passive during the assailant's attack, concludes a University of Maine researcher.

The findings, recently published in the *Journal of Applied Social Psychology*, have implications for legal and health professionals whose own attitudes toward resisting rape may affect the outcome of criminal trials and the victim's recovery, says researcher Richard Ryckman, professor of psychology.

"Nontraditional women believe that it's appropriate and beneficial for women to resist their attackers. Traditional women, in contrast, have the belief that it is inappropriate and foolhardy for women to resist their attackers," Ryckman concludes.

Ryckman surveyed 130 white college-age women for the study, offering two rape scenarios. In one case, the victim did not resist and in the second, the victim attempted to fight off her assailant.

Compiled by Science News Writer Anne Degan

## We Remember

Lt. Col. William Porter, former University of Maine professor of military science, died July 31. He was 49.

Porter was a 25-year veteran of the U.S. Army who did a tour in Vietnam. He was appointed head of the Army Reserves Officers Training Corps at the UMaine in 1987. He retired from the Army in 1991.

For two years, Porter was the director of admissions at the American University in Bulgaria. Porter had also served as the NCAA golf coach at UMaine for the 1990-91 season.

An alumnus of the University of Maine, Porter received his bachelor's degree in 1966, a master's in 1971 and later a CAS.

He is survived by his wife, mother and two children.

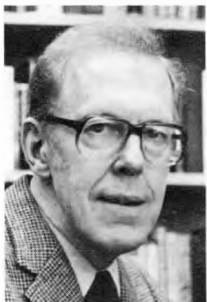
Gifts in his memory may be made to the William R. Porter Scholarship Fund, American University in Bulgaria.

Clarence Wood Jr., former graduate assistant in the Chemistry Department, died July 29. He was 65.

Wood was chief of operations and chemist at Chute Chemical Corp., Bangor. He is survived by his wife.

Donations in his memory may be made to Fogler Library.

## Look Who's On Campus



John Higham, professor emeritus of history at Johns Hopkins University, will speak Aug. 12 on: "American Identities: Belonging and Separateness in the USA." Higham will keynote the conference: "Ethnic Contacts in Northern New England, the Atlantic Provinces and Québec." Higham is considered a specialist on immigration and American ethnic history. He is the author of such works as *Strangers in the Land: Patterns of American Nativism, 1860-1925*,

and *Send These to Me: Immigrants in Urban America*. A former Guggenheim Fellow, Fulbright 40th Anniversary Distinguished Fellow and Mellon Senior Fellow, Higham was a Newman Visiting Professor of American Civilization at Cornell University from 1991-92. He also has taught at Rutgers, Columbia, Michigan and the École des Hautes Études en Sciences Sociales, Paris.

# UMaine Extramural Awards

The Office of Research and Sponsored Programs reports that there were 26 extramural awards to the University of Maine in May totaling more than \$1.9 million in sponsor funding, and 32 extramural awards in June totaling more than \$1.6 million in sponsor funding.

The new awards for May and June (listed by principal investigator, co-investigator(s), title, agency) include:

- J. Ahlin, D. Killam:** Senior Companion Program FY94, ACTION.  
**J. Alexander, H. Dagher:** High Construction Costs of New England Bridges, NE Transportation Consortium.  
**M. Bentley, A. Bruce, M. Bruce:** Nuclear Magnetic Resonance Spectroscopy in Undergraduate Laboratories, NSF.  
**S. Brawley:** The Reproductive Ecology of Furoid Algae: Fertilization and Early Embryogenesis, NSF.  
**N. Brawner-Jones, L. Zeph:** Preparation of Transition Specialists for Students with Disabilities, U.S. Dept. of Education.  
**W. Brutsaert:** Optimization and Hydrogeologic Effects of Forest Spray Irrigation, U.S. Dept. of Interior/Geological Survey.  
**A. Bushway, D. Dzurec:** Yogurt Rollups, Natl. Dairy Promotion and Research Board.  
**S. Butterfield, R. Lehnhard:** 1993 National Youth Sports Program, U.S. Dept. of Health and Human Services.  
**A. Cahill, S. Ballard:** Mental Health Training, Maine Dept. MH & Mental Retardation.  
**M. Casserly:** Strengthening Resources in the Canadian Studies Collection, U.S. Dept. of Education.  
**H. Cheng, J. Wilson:** Marketing Options to Improve Profitability of the NE Aquaculture Industry - Yr. 2, USDA.  
**D. Croall:** Physiological Regulation of Calpains, U.S. Dept. HHS/NIH.  
**T. Dewhurst:** Polycrystal Plasticity for Deformation Processing of Multi-Phase Metals, NSF.  
**J. Dill:** 1993 Commercial Pesticide Use Survey, USDA; and Pesticide Application Training Support Person 1994, Maine Dept. of Ag/Food & Rural Resources.  
**A. Faulkner:** Primary Documentary Research for the Site of St. Castin's Habitation, Maine State Archives.  
**J. Field, J. Robash, E. Beenfeldt:** Engineering Experience for High School Students, NSF.  
**R. Findlay:** Effects of Salmon Net-Pen Aquaculture on Benthic Microbial/Macrofaunal Community, PADI Foundation.  
**R. Gupta:** A New Approach to the Analysis of Biomedical Data, U.S. Dept. of Defense/AFOSR.  
**R. Hawes:** Shellfish Genetics Internship Program, Maine Science and Technology Commission.  
**N. Houtman:** FY-93 Maine Water Research Institute Program - Management and Information Transfer (two awards), U.S. Dept. of Interior/Geological Survey.  
**D. Humphrey, T. Sandford:** Tire Chips as Lightweight Backfill for Retaining Walls - Phase II, NE Transportation Consortium.

- M. Hunter:** Habitat Requirements, Movements and Populations of Blanding's and Spotted Turtles, Maine Dept. of Inland Fisheries and Wildlife.  
**S. Hunter:** Membrane Skeleton of Osteoclasts, U.S. Dept. HHS/NIH.  
**K. Hutchison:** Conifers as Indicators of Ecosystem Mutagenic Stress, EPA.  
**E. Kiran:** Supercritical Levitation Polymerization and Processing, NSF.  
**M. Liebman:** Systems Theory Course, Foundation for Deep Ecology.  
**M. Liebman, F. Drummond:** Crop Rotation, Tillage & Seed Predation Effects on Weed Dynamics in Potatoes, USDA.  
**D. Meggler:** Maine Educational Talent Search - 93-94, U.S. Dept. of Education.  
**P. Morici, S. Hornsby:** Northeast National Resource Center - Year 3, U.S. Dept. of Education.  
**H. Onsrud:** NATO Book Grant, NATO.  
**R. Owen:** Academic Enrichment Program, Tennessee Valley Authority.  
**R. Owen, A. O'Connell, W. Krohn:** Reproductive Rates, Contaminant Burdens & Home Range Characteristics of Bald Eagles Nesting in and Adjacent to Acadia National Park, U.S. Dept. of Interior/Natl. Park Service.  
**A. Parks:** Summer Youth Employment and Training Program 1993, Training and Development Corp.  
**H. Patterson:** Prediction of Pesticide Binding in an Upland-Wetland-Stream Drain Sequence, U.S. Dept. of Interior/Geological Survey.  
**B. Pearce, N. Pettigrew:** Circulation and Flushing Rate Study of Casco Bay, EPA.  
**C. Rock:** Wetland Enhancement and Waste Treatment, U.S. Dept. of Interior/Geological Survey.  
**S. Sader:** Comparison of Satellite Image Processing & Air Photo Interpretation Techniques, Maine Dept. Environmental Protection.  
**S. Tavantzis:** Use of Nonradioactive Complementary DNA (cDNA) Probes for Virus Detection, Center Innovation Biomed Tech.  
**M. Vayda:** Third International Symposium on the Molecular Biology of the Potato, USDA.  
**J. Vetellino:** Undergraduate Research Participation in Electrical Engineering, NSF.  
**Ad. White, D. Tavantzis:** Field Testing of a School-Based Nutrition Curriculum, American Heart Association.

## Continuation or supplemental awards include:

- H. Brown:** Central American Peace Scholars 93-94 Host State Mgmt/Training Program Costs, National 4-H Council.  
**D. Burwell:** Community Leadership in Maine - Yr 3, Kellogg Foundation.  
**A. Cahill, S. Ballard:** Mental Health Training - Supplement I, Maine Dept. MH & Mental Retardation.  
**E. Decker:** Geothermal Studies of Scientific Boreholes in the Creede Caldera Moat, NSF.  
**S. Dunning, S. Dvorak:** The Energy Analysis and Diagnostic Center Program - Supplement I, U.S. Dept. of Energy.  
**I. Fernandez:** Ecosystem-Climate Interactions in a Boreal Forest Ecotone - Year 3, and The Howland Integrated Forest Study - Nutrient Cycle Monitoring - Year 3, both USDA/Forest Service.  
**N. Houtman:** A Regional Response to Global Climate Change: New England and Eastern Canada, Atmospheric Environment Service.  
**T. Hughes, J. Fastook:** A Study of Calving Dynamics for Jakobshavns Isbrae, NSF.  
**L. Mayer:** Adsorption Control of Organic Carbon Burial in Ocean Margin Sediments - Year 2, U.S. Dept. of Energy.  
**L. Merrick:** National Germplasm System and Cucurbita Introduction - Supplement II, USDA.  
**A. Parks:** Upward Bound Program FY 93/94, U.S. Dept. of Education.  
**S. Sader:** Satellite Imagery to Monitor Habitat of Wintering Neotropical Migrants FY93, U.S. Dept. of Interior/Fish and Wildlife.  
**G. White:** Sludge and Residuals Utilization Research Foundation Yr. 2 - Clearinghouse and Management (two awards), Sludge & Residuals Util. Res. Fdn.

Last month, long-time Aroostook Farm Superintendent Joseph Lloyd was honored with a retirement reception held - where else? - in one of the potato sheds. Lloyd began his career with the University of Maine 38 years ago. He was first employed with the livestock operation at the Orono campus, serving as assistant farm foreman and then farm supervisor for the Department of Animal Science. In 1971 he was promoted to farm manager at Aroostook Farm, then to farm superintendent in 1984, a position he held until his retirement June 30. A former plant pathologist with the University summarized Joe Lloyd's contributions in a letter written to then Dean Ken Wing: "Joe is one of the finest personnel managers I have ever known, and he provides ample and timely support to all the professional and technical staff who require it. How he manages to serve so many demanding people so well escapes me and I can only offer my opinion that he is one of the finest people I have met in the various places that I have worked." This sentiment has been

echoed by faculty, technical staff, farm workers and students who worked with Lloyd during his 38 years of service to the University, including the almost 80 well-wishers attending his retirement luncheon. Among those honoring Lloyd, pictured center, were Lucille Stewart, left, a secretary in Lloyd's office, and Mina Beals, who retired from the office as secretary after 25 years in 1983. Lloyd and his wife, Lois, have now moved "south" to Houlton.



Photo by Judy Round

## Computer Connection

It's that time of year again. Time to think about getting ready for the fall semester. Many of you have scheduled time now to learn a new computer system or new software package. If so, your timing is perfect for taking advantage of our Back-To-School promotion. As previous buyers can tell you, these are usually the lowest prices of the year. You can check out the latest prices and ask about our expanded hardware and software offerings available by phoning x2580. We would be glad to send you a copy of the latest catalogs. However, stopping in Room 28, Shibles Hall, will let you see the newest demo units for Apple, Digital, Hewlett-Packard, and IBM, plus software and modems, too! We have expanded our inventory so that more walk-in customers can walk out with what.



### Camire Interviewed by Canadian Press

Mary Ellen Camire, assistant professor of food science, was recently interviewed by Canadian Press, the Canadian equivalent of the Associated Press, about her work turning waste potato peels into a high-fiber flour that can be used in muffins, cookies, cereals and any number of foods. The feature is circulating in Canadian newspapers.

### Hayes in Parents Magazine

*Parents* magazine carried a news item about the research work of Donald Hayes, associate professor of psychology, who has studied what preschool children retain of television characters' emotion portrayals.

### Ewart Makes Headlines

Doug Ewart, a recent graduate who developed a tasty salmon sausage using otherwise undesirable salmon culled from fish farms, was interviewed by Canadian Broadcasting Corp. and featured in the *Boston Sunday Globe*, *Reuter Business Report*, a feature of *Reuter's* international wire service, *Downeast* magazine, *Bangor Daily News*, *Portland Press Herald*, *Waterville Morning Sentinel*, *Times Record*, WVII-TV Channel 7, WABI-TV Channel 5, Ellsworth American and the Associated Press wire serving newspapers and radio stations. Ewart is hoping to find a Maine processor and marketer for the sausage and to remain in the state working on the project.

### Humphrey in LA Times

Dana Humphrey, associate professor of civil engineering, was the subject of a June 9 *Los Angeles Times* feature story with photo on his work using chopped-up tires as an insulating layer beneath road surfaces. The feature has reappeared in newspapers across the country. News of Humphrey's success with the first-of-its-kind project was also recently covered by the Canadian Broadcasting Corp., which has interviewed Humphrey for a special show on environmental issues. In Maine and New England, the story recently appeared on the Associated Press wire and in the *Boston Globe*, *Bangor Daily News*, *Portland Press Herald*, *Lewiston Sun Journal*, *Times Record*, *Journal Tribune* and *Waterville Morning Sentinel*, and on Maine Public Radio and WKSQ-FM radio.

### Segal in Chicago Tribune

An op-ed piece by professor of History Howard Segal was published in the July 7 issue of the *Chicago Tribune*. In "The Sky's the Limit in Switch from 'Star Wars' to Billboards," Segal notes that, now that the Strategic Defense Initiative has been officially declared dead and "visions of zapping enemy missiles with X-ray lasers must remain technological fantasies," we can anticipate another high-tech space venture: the space billboard. Environmentalists and space scientists have condemned the enterprise as "both environmentally obscene and scientifically worthless," Segal writes, but don't count Space Marketing out. Not only is it a "logical progression" under some private corporate sponsorship, but the space billboard has antecedents of "similarly ambitious enterprises" in history.

### Kirby on National Airwaves

Clay Kirby, a Cooperative Extension entomologist, has been interviewed by radio stations from Houston to

Lincoln, Neb. and New York City, including the *Osgood Files*, about his remedies for discouraging black flies and mosquitoes. His ideas also received extensive media attention in Maine.

### Cobb, McIntire in the Globe

College of Education Dean Robert Cobb and Walter McIntire of the Office for Research & Evaluation, are quoted in a June 20 *Boston Sunday Globe* story about problems as well as excellence in rural schools. Cobb notes that the toughest problem for rural schools is aspirations of students for higher education, and McIntire says the rural school may be the laboratory for school reform since it's "where you will find some of the best education and some of the worst."

### Nadelhaft in the Philadelphia Inquirer

History Professor Jerome Nadelhaft was interviewed for a June 15 story in the *Philadelphia Inquirer* on the Ninth Berkshire Conference on the History of Women held at Vassar College. Interviewed while browsing through the book exhibits, Nadelhaft, one of only a few men attending the conference, notes that women's history has made major inroads and many women historians are looking at old topics from new perspectives. "More men should be here," he said.

### Smith, Litoff in Boston Globe

The research and resulting books of UMaine historian David Smith and Bryant College History Professor Judy Barrett Litoff are high-

lighted in a July 4 feature in the *Boston Sunday Globe* on women's letters written during World War II.

### And Locally Speaking ...

Steve Kahl, associate scientist, was interviewed by Maine Public Radio, about new findings at the Lead Mountain watershed monitoring site showing perhaps unprecedented amounts of airborne nitrogen and the potential implications for the forest ecosystem. The *Bangor Daily News* and other Maine newspapers also carried the story.

Alvin Reeves, potato breeder at UMaine's Aroostook Farm, was interviewed by WGAM-TV, Presque Isle, and the *Maine Times* about the new potato variety recently developed at the Farm. The Associated Press wire carried the story for state newspapers and radio stations.

David Marchant, research associate, appeared in a *Bangor Daily News* write-up on his findings, recently published in *Science*, that the East Antarctic ice sheet is stable and the implications of future global warming.

Anthony Cahill, associate professor of public administration, was interviewed by the *Maine Sunday Telegram* about restructuring state government.

Brenda Power, assistant professor of education, was a panelist on a WABI-TV, Channel 5 news program focusing on how to keep children learning during summer vacation.

### Campus Living Update

▼ An increase in new and returning students has resulted in residence halls being filled to capacity for fall 1993. Students who have not already made arrangements for on-campus housing and who wish to live on campus for the 1993-94 academic year are encouraged to contact Campus Living, x4584, immediately.

▼ Guest housing will be very limited from Aug. 29 through the opening of the University. Contact Gregg Allen, x4585, for details.

▼ Room and board rates were increased to \$4,580 for the 1993-94 academic year in March 1993. No other room and board increases are anticipated for the 1993-94 academic year.



**Anatole Wieck**, associate professor of music, performed as a guest artist in the last concert of the Arcady Festival Winter Season April 25 in Bar Harbor and April 26 at the Bangor Theological Seminary. He performed on the violin in a piano trio in a program of Spanish music with featured artists from Spain. Also in conjunction with the Arcady Festival, Wieck presented school programs April 26 at Cranberry Island, and April 27 at Milo Elementary School for students from Milo and Dover-Foxcroft and at the Piscataquis Community High School for students from Guilford and Dexter.

**Arline Thomson**, retired University of Maine graphic designer, was presented an honorary degree in fine arts June 6 from her alma mater, Massachusetts College of Art, Boston. Thomson graduated with a fine arts certificate in 1934 after four years of study. Like many art schools, the then Massachusetts State School of Art did not confer baccalaureate degrees until after 1950. This year, alumni were invited to return and receive honorary degrees. Thomson was one of more than 150 alumni who were presented honorary degrees in June; one of 10 members of her class who returned.

**Dana Humphrey**, associate professor of civil engineering, presented three lectures on use of tire chips in civil engineering in June. The first lecture: "Tire Chips as Insulation - Maine's Solution to Roads and Recycling," was presented at the 12th Annual

New England Resource Recovery Conference & Exposition, June 8 in Nashua, N.H. The second lecture: "Tire Chips as Lightweight Backfill for Retaining Walls," was presented at the New England Transportation Consortium Research Results Conference, June 14 in Durham, N.H. The third lecture: "Use of Tire Chips as Insulation Beneath Gravel Surfaced Roads," was presented at the Second International Symposium on Frost in Geotechnical Engineering, June 28-July 1 in Anchorage.

**Jayendran Rasaiah**, professor of chemistry, attended the Eighth American Conference on Theoretical Chemistry at the University of Rochester June 28-July 2, where he presented work on: "The Dynamics of Electron Transfer Reactions." He also paid research visits to Michigan State University and McGill University.

Professor **David Sanger**, anthropology and Institute for Quaternary Studies, presented an invited paper: "Mesolithic Maritime Adaptations: The View from North America," at a conference on: "Man and the Sea in the Mesolithic," held in Kalundborg, Denmark.

**Henry Munson**, associate professor of anthropology, was a member of a team of international observers monitoring the Moroccan legislative elections June 25 on behalf of the International Foundation for Electoral Systems.

**Marcia Siebenmann**, graduate student in entomology, presented a paper: "Life History Observations on Late Nymphs, Adults, and Eggs of *Siphoniscia aerodromia* Needham" at the 41st Annual North American Benthological Society Meeting in Calgary, Alberta, May 25-28.

**Stephanie Allard**, undergraduate laboratory aide III in entomology, gave a poster: "Sustainable Pollination of Lowbush Blueberry: A Preliminary Greenhouse Study Comparing Bee Efficiency," at the 19th Annual Maine Biological and Medical Sciences Symposium, Maine Maritime Academy, May 20-21. Co-authors were **Constance Stubbs**, assistant scientist, entomology, and **Francis Drummond**, associate professor of entomology.

**Howard Segal**, professor of history, and **Norman Smith**, dean of Engineering, jointly presented a paper on the University of Maine's Technology and Society Project at the Centennial Meeting of the American society for Engineering Education at the University of Illinois at Champaign-Urbana June 23. Segal also gave a paper: "The Third Culture: Engineering Education in Historical Perspective," on June 21, while Smith gave a paper: "NSF Undergraduate Education Projects for the 21st Century," on June 22.

**Andrey Belogortsev** and **Ed Hartford**, physics graduate assistants, and **Susan McKay**, assistant professor of physics, attended the March meeting of the American Physical Society in Seattle, March 22-26. Belogortsev

presented: "Chaotic Dynamics of a Quasilinear van der Pol Oscillator with a Tunneling Diode," co-authored with McKay, and Hartford presented: "Phase Diagrams and Criticality of the Ising Model in an Asymmetric Random Field," co-authored with McKay.

**Susan McKay**, assistant professor of physics, was the guest lecturer at the Honors Banquet of the Department of Physics and Astronomy at California State University, Sacramento, April 29. Her talk: "Spin Glasses and Chaos," included work done in collaboration with **Ed Hartford** and **Jim Tesiero**, graduate assistants in physics, and **Maggie Graham**, University of Maine McNair Scholar.

**Alfred Leick**, associate professor in surveying engineering presented the paper: "Centimeter Navigation and Surveying with On-The-Fly Ambiguity Resolution," at the 49th Annual Meeting of the Institute of Navigation, Boston, June 21-23. Co-authors are graduate students **Ali Oufrid**, **Paulo Segantine** and **Inseong Song**.

**John Field**, professor and chair of electrical and computer engineering, served on a panel reviewing



The Orono-Old Town branch of the American Association of University Women honored the "Expanding Your Horizons" organization and Kay Richards with gifts of \$500 in the name of each to the AAUW Educational Foundation. Richards was recognized for her long career of service to AAUW, which included filling the posts of both branch and state presidents; and "Expanding Your Horizons," now in its eighth year, was honored for its program encouraging junior high school girls to explore math and science. Pictured left to right: Judith Graham, who accepted the certificate on behalf of "Expanding Your Horizons," outgoing AAUW branch president Phyllis Borns, and Kay Richards.



proposals for the NSF program, Combined Research-Curriculum Development in Technological Areas of National Importance, June 21-22, Washington, DC.

**François Amar**, associate professor of chemistry, served on the thesis jury of Pascal Parneix' Ph.D. thesis defense: "Dynamics of Aniline-Ar<sub>n</sub> Microsolutions by Numerical Simulation," at the Université de Paris-sud, Orsay, France, June 9.

**Robert White**, director, Continuing Education and Summer Session, and **Barbara Howard**, CED academic advisor, were invited speakers at the 1993 International Symposium on Adult Education convened in Shenyang, China in June. Presenting their findings of a national study on non-matriculating student policies and procedures among 550 colleges and universities of the United States, their presentation was one of five selected for the "Access to Education" portion of the symposium devoted to "Adult Education and Economic Development." Hosted by the Chinese Association of Adult Education and cosponsored by the American Association of Adult Education and Continuing Education, the symposium attracted over 450 delegates with approximately 80 from the U.S.

**Martin Stokes**, associate professor of animal, veterinary and aquatic sciences, spent July 3-17 as a visiting worker at the Cultor Technology Center, Kantvik, Finland. Stokes participated in ongoing experiments to compare experimental techniques and analytical procedures to determine the course and rate of action of carbohydrase enzymes on forage cell-wall residues. Joint experiments were begun with project manager Juha Apajalahti to determine the rates of free sugar and oligosaccharide release from

alfalfa stem and leaf fractions, and from two grasses caused by different enzyme combinations. Stokes also assisted with experiments to determine the effect of various acid silage preservatives on ruminal digestion of forage carbohydrate as judged by production of carbon dioxide and methane in *in vitro* incubations. On July 15, Stokes presented: "Enzyme and Forage Utilization - A Summary of Research Performed at the University of Maine Since 1984."

**David Batuski**, assistant professor of physics and astronomy, attended the International Workshop on Galaxy Clusters and Large Scale Structure in the Universe in Sesto Pusteria, Italy, June 28 -July 3, and presented a paper: "A Redshift Survey of Abell Clusters." The paper is a collaboration with **S. Haase** and **K. Slingend**, graduate students at the University of Maine, J. Hill of the University of Arizona, and C. Balkowski and S. Maurogordato of Meudon Observatory in France.

**Richard Jagels**, professor and department chair of Forest Biology, was an invited keynote speaker at the annual meeting of the Association of Stringed Instrument Artisans at University of Massachusetts, Amherst, June 9-11, where he spoke on: "The Future of Guitar Woods."

**Ann Schonberger**, director, Women in the Curriculum Program and professor of developmental mathematics, and **Christina Baker**, associate professor of English, attended the annual meeting of the National Women's Studies Association, June 16-20, Washington, D.C. Baker and her daughter, Christina Baker Kline, New York University and Yale University, presented a paper: "Mothers and Daughters: The Legacy of Feminism." Schonberger and Nancy

Worcester, University of Wisconsin, presented a session: "Women's Studies and Women's Communities." Schonberger also attended the pre-session for program administrators.

The following members of the University community attended the Ninth Berkshire Conference on the History of Women June 11-13 at Vassar College, Poughkeepsie, N.Y.: **Christina Baker**, associate professor of English; **Celeste DeRoche**, graduate student in history; **Andrea Hawkes**, graduate student in history; **Mazie Hough**, graduate student in history and staff associate, Women in the Curriculum Program; **Jerome Nadelhaft**, professor

and chair of the Department of History; **Carol Toner**, assistant professor of history; **Ann Schonberger**, director, Women in the Curriculum Program and professor of developmental mathematics; and **Marli Weiner**, assistant professor of history.

**R.L. Vadas**, Plant Biology and Pathology, recently presented a seminar: "Recruitment Failure and Potential Impacts of Harvesting on *Ascophyllum nodosum*," at the Biological Station, Canadian Department of Fisheries and Oceans, St. Andrews, New Brunswick.



Tanglewood 4-H Camp, a program of University of Maine Cooperative Extension since 1982, coordinated by the Knox-Lincoln County Office, has provided more than 600 children and youths ages 6-17 with camping experiences this summer. Among the special projects organized for campers was an opportunity to build kayaks in 10 days. Six teens ages 13-15 - four from Maine and two from New Hampshire, signed up for the first-time program at Tanglewood. Led by Paul Cartwright of Camden, a mechanical designer, inventor and boat builder, the youths used native materials to construct their 16-foot crafts in the tradition of the Eskimo bidarka of the Aleutian Islands. In the Build Your Own Kayak project, the teens spent at least six hours daily learning how to use tools and working together. "They wanted the challenge and to come away with a boat they made themselves," said Cartwright, a member of Tanglewood's board of associates. "One of the best things about the program is that they all worked together on these boats in a team effort." From the wood cut locally to the framework tied together with sail twine and covered in cotton canvas, the teenagers were able to see the transformation of a pile of natural materials to a sea-worthy vessel. When not building their crafts, the youths learned kayaking and visited an area boatbuilding shop. "They got their boats but more important, they got a sense that they accomplished something themselves that they might not have thought possible before the course," Cartwright said. "What they came away with was a real sense of pride that may spill over into other challenges in their lives." Cartwright describes an owner-built kayak as "a graceful extension of life itself - light, buoyant and responsive, its unfolding being is a challenge and reward in balance, skill and personal strength." The project was a "venture in cooperative, experiential learning," said Cartwright, who advocates such cooperative learning projects. "The process demands teamwork and mastery of new skills. It involves each individual at his or her own level and pace in the context of successful group effort. It is a lesson in learning to learn. The underlying message is that working together, we are builders of our own lives."

Photo by Harisson Ankor



Maine Perspective classified ads are published weekly and are free to faculty, staff and students at the University of Maine. Ads must be typewritten and include a telephone number. They will be published one week only unless otherwise specified. Send ads to: Maine Perspective Classifieds, Public Affairs. Ads must be received by 9 a.m. the Friday before they are to appear in the next week's issue.

#### FOR SALE

**ACREAGE:** Wesley, Maine, 4.6 acres wooded, surveyed, soil tested, 1800 feet from 25 acre Otter Lake. Close to Long Lake public boat ramp. Great camp and recreation potential. \$8,500 negotiable. Call 866-2336 evenings or leave message at 581-2835.

**AUTOMOBILE:** 1985 Chevrolet Cavalier, Auto, PS, PB, AM/FM, inspected, one owner, clean inside - outside, could use some paint. \$850/OBO. Call 827-2810

**AUTOMOBILE:** 1990 Honda CRX, white, 52 mpg., one owner, excellent condition, 65,000 miles, \$6500. Call 234-2426.

**AUTOMOBILE:** 1987 Mazda RX-7, 2+2, silver. Power sunroof, air conditioning, 5-speed standard, stereo/tape deck, 81K miles. \$5,700. Call 843-6314 evenings and weekends.

**AUTOMOBILE:** 1985 Subaru GL, new brakes, front and rear ball joints, shocks. Some rust. Asking \$1,100 or BO. Call 827-5177 after 5 p.m.

**BICYCLE:** 10 speed, with racer handlebars. Good condition. \$35 or best offer. Call 866-3271.

**COMPUTER STAND:** Wood tone, solid construction, on castors. Sliding shelves for printer and keyboard. \$25 or best offer. Call 866-3271.

**FOOD CONCESSION TRAILER:** "Raspberry Nut Dinette" food concession trailer complete with inventory, listing of NE fairs, and the following equipment: stainless steel food warmer, six-section sandwich unit w/refrig. compartment, GE 20.7-cubic foot no-frost upright refrig./freezer, commercial quick-freeze chest freezer, Frigiking Wedgewood gas stove and oven w/broiler, microwave oven, Royal cash register, commercial aluminum cookware grill, stainless steel pans, and more. Own your own business. \$4,900 or best offer. Call 732-5261 for appointment.

**FUTON MATTRESS:** Queen size, without frame. \$40 or best offer. Call 866-3271.

**HOUSE:** Architect designed, built 1960 in Orono, all glass rear overlooks woods, living dining room, library or office, modern kitchen w/new range/ovens, also new furnace and water heater, master bedroom, two others, utility room, 1 1/2 baths. Call 866-4985 from 9-11 a.m., or 7-9 p.m.

**MICROWAVE OVEN:** Kenmore, 70 watt, 5 years old, three power settings, excellent condition. Small, perfect for students and individuals. \$50. Call 285-7542.

**MOBILE HOME:** For sale at cost, 1985 Liberty - 14 x 65. Excellent condition, 2 bedrooms, all major appliances, deck, vinyl skirting. In local park 12 miles from UM campus. \$12,900. Call 296-2868.

**MOBILE HOME:** 1975 Maine Made Beaumont. 14x70, 2 bedrooms, 1 bath, all new vinyl windows, 8x12 deck, storage building. Excellent condition. Nice corner lot, all set up in park, two miles to UMaine. Must see. Asking \$19,500. Call 827-4877 after 4 p.m.

**STOVE:** 1940s Universal electric stove with legs, oven with broiler. Excellent condition. Perfect for your nostalgic kitchen. Call 732-5261 for more information.

**TOWNHOUSE:** Two-bedroom with large master bedroom, 1 1/2 baths, entry hall, livingroom w/sliders to deck. Kitchen with stove, refrig., dishwasher, garbage disposal. Full basement with washer/dryer hook-up. New monitor heating unit installed in January '93. Less than \$130 to heat. This is an adult area within walking distance to UM campus. Parking for two cars. Will rent with option to buy, \$650/month plus utilities, but would rather sell immediately. Asking \$62,500 with immediate occupancy. A very pleasant community. Call 799-1401 or 871-0112 for information or appointment.

**WATERFRONT CAMP:** Located on lake in Orono. Four-bedroom, seasonal waterfront camp, modern kitchen and bathroom, selling fully furnished. Asking \$55,000. Would love to show it and receive your offer. Call the owner at 827-7002. Excellent swimming, boating, fishing and beautiful sunsets.

#### SERVICES

**ETHNIC MUSIC:** The Huddled Masses Orchestra is a full-service oompah band for all your ethnic music needs. The band is available to perform ethnic dance music for such events as weddings, bar mitzvahs and festive occasions. Musicians include members of the University community. For more information, contact Joe Niemczura, 634-2878.

**NOTARY PUBLIC:** Reasonable rates. Call Tracey after 4:30 p.m., 827-6354.

**REED ORGAN RESTORATION:** Restoration, repairs and sales of antique reed organs. Also furniture refinishing. Reed organs are pollution-free, requiring no electricity to operate! They make great conversation pieces, too. Free estimates within 1.5 hours of Old Town/Orono area. The organs are lining up quickly, so call today. Craig Cowing, PO Box 737, 138 Main Rd., Milford 04461-0737. 827-4785.

**SCHOODIC TOURS:** Saltwater, fresh-water, kayaking or hiking. Experience the sounds, colors, fragrance and wildlife of the Maine Coast from the sea or lake. Tour locations on sea or lakes within a 25-mile radius of Schoodic Point. Fee of \$25 per person includes all equipment and tour leader. Special tours and group rates available. Tour leaders are Don and Mary Alice Bruce who have 25 years of ocean and lake experience. Tour times: early tour - 9-11 a.m.; mid tour - noon-1 p.m.; late tour - 2-4 p.m. Call 963-7958 or write Schoodic Tours, General Delivery, Corea, Maine 04624.

**TECHNICAL DRAFTING:** India ink imaging. Photo-ready drafting services suitable for publication needs. Call 884-8860 after 6:30 p.m. or leave message.

**TREE PRUNING:** Dead wood removal from your favorite trees. Old fruit trees and nut trees can be revitalized by careful pruning. Call Janet, 581-2935.

#### FOR RENT

**APARTMENTS:** Large 1-bedroom apartments located 5 miles from University. Quiet country living. Washer/Dryer on site. Must meet certain eligibility requirements and must have references. Minimum rent of \$300 per month plus utilities. Call 827-7998 for more info.

**CAMP:** Lovely large 3-bedroom camp on clean, quiet spot, Damariscotta Lake. Sandy beach, float. Modern. \$570/week in August; \$450/week in September. Call 827-3681 evenings.

**COTTAGE:** Two-bedroom on eastern shore of Little Ossipee Lake, near Sanford. Furnished, canoe included. Available Labor Day week, \$400. Call 209-472-9839.

**COTTAGE:** Lake shore cottage, modern seasonal, 2-bedroom, with deck on Damariscotta Lake, Jefferson. All conveniences. Beautiful setting. \$450/week. Make your plans now! Call 866-2656 evenings.

**COTTAGE:** Lake front cottage on Lake Lucerne, Lucerne-In-Maine, Dedham. Weekend, weekly, monthly to November. Completely furnished. Cozy, private

setting. Enjoy mountains, water, beautiful fall foliage. 989-1462.

**HOUSE:** Single-family home perfect for a visiting professor. 3-bedroom, furnished, finished basement, sun deck, fenced-in back yard, garage, quiet neighborhood. No pets - No smokers. Available last week in August. \$875 plus utilities. Call 989-4211.

**HOUSE:** A family or couple to rent our Orono home with 4-5 bedrooms, 2 1/2 baths, woodstove, kitchen with dishwasher, garage, nice yard with a playset. This beautiful Victorian home is in great condition. \$950 a month plus own utilities. Call 866-3783.

**HOUSE:** Exceptional two-bedroom home six miles from UMaine campus. Ideal for visiting faculty member or older graduate student. Quiet dead end street, adequate off street parking, oil/forced hot water heat, plowed driveway and mowed lawn provided. \$600 a month plus utilities and security deposit (\$600) available September 1. Call 942-0793 or 884-8231.

**HOUSE:** Large historic farmhouse located in Holden, privacy in rural Maine, all the modern amenities incorporated. Large kitchen, 4 BR, 2 car garage. No pets - No smokers. Available September-June. Ideal for a visiting faculty member. Inquire 945-4400 x273 days or 843-5653 nights.

**HOUSE:** Three-bedroom lake cottage, north shore of Branch Lake, 40-minute drive to campus. Available Aug. 30-May 30. Fully furnished, upgraded kitchen appliances, oil heat, wood stove, 2-car garage, washer/dryer. Beautiful lake views. An ideal setting for a visiting faculty member. Also available during summer week of Aug. 22 for \$600/week. Call Bob, 469-7647.

**HOUSE:** Three-bedroom house in East Holden, fully furnished, 16 miles to campus. Available Sept. 15-May 31. Large kitchen, 2 1/2 baths, washer/dryer, oil heat, woodstove, fireplace, garage, piano and organ. Beautiful view. An ideal setting for a visiting faculty member. Non-smokers preferred. \$950/month plus utilities. Call 843-6339.

The following new funds were accepted by the Board of Trustees at its July 12 meeting:

#### Restricted Funds:

- ▼ The Maynard F. Jordan 16 Planetarium and Observatory Fund - \$75,000, five-year pledge for annual support of the Planetarium.
- ▼ The Sensors Research Fund - \$11,300 to support electrical engineering research.

#### Endowed Scholarships:

- ▼ The Don E. Daley and Mary S. Daley Scholarship - \$20,460 bequest for students in Journalism.
- ▼ The Ralph H. Griffin Memorial Scholarship - \$3,000 toward a \$10,000 pledge for Forestry graduate students.
- ▼ The Ralph E. and Anita S. Leonard Scholarship - \$2,500 toward a \$10,000 pledge for unrestricted scholarship use.
- ▼ The Geneva M. Smith Scholarship - \$50,000 bequest for unrestricted scholarship use.
- ▼ The Russell E. Smith Scholarship - \$86,058 bequest for scholarships to students in Agriculture.
- ▼ University of Maine foundation Endowed Scholarships:
- ▼ The Class of 1942 Distinguished Student Award - \$30,000
- ▼ The Georgia-Pacific Corporation Forestry Scholarship - \$30,000
- ▼ The Rena Sawyer Gray and Kelsey Clement Gray Scholarship - \$10,000 for students from Hancock County.

# Positions Available

Advertisements for job openings to appear in *Maine Perspective* must be submitted to the Office of Equal Opportunity, 318 Alumni Hall, no later than noon Wednesday. Guidelines for filling professional positions, including forms for posting positions in *Maine Perspective*, are available by contacting the Office of Equal Opportunity, x1226. A Request to Fill Form must be approved before posting in *Maine Perspective* (if not already approved).

## Safety Specialist, Office of Facilities Management.

Qualifications: Baccalaureate degree required with a minimum of two years experience in safety field. Experience with personal computers is essential. Salary Range: \$22,000-\$24,000. Deadline: 8/23/93. Contact: Merton Wheeler, Associate Director for Operations, Office of Facilities Management, University of Maine, 5765 Service Building, Orono, ME 04469-5765.

## Science & Engineering Reference Librarian, Raymond H. Fogler Library.

Part-time (15-20 Hours/week), temporary position. Qualifications: ALA-accredited MLS and experience with print and electronic reference resources. Experience and/or background in a science or engineering discipline preferred. Salary: \$11.00/hour. Review of Applications: Immediately. Start Date: 9/1/93. Contact: Mary Casserly, Collection Development Division Head, 5729 Fogler Library, Orono, ME 04469-5729.

## Executive Assistant to the Director of Public Affairs, Department of Public Affairs.

Qualifications: B.A. required, master's preferred; major course work in journalism, broadcasting, mass communication or related field of study preferred. Salary Range: \$26,000-\$33,000, depending on education and relevant experience. Review of Applications: Began 8/2/93. Contact: Director of Public Affairs, University of Maine, 5761 Public Affairs Building, Orono, ME 04469-5761.

## Director of Corporate Relations, Office of University Development.

Qualifications: Bachelor's degree, with a master's degree preferred; three to five years solid experience and/or familiarity with the corporate section in Maine and throughout New England is essential.

Deadline: 8/13/93 or until a suitable candidate is obtained. Contact: Robert Holmes Jr., Vice President for University Development, University of Maine, Room 209, 5719 Crossland Hall, Orono, ME 04469-5719.

**Assistant Professor of Psychology, Department of Psychology.** Fixed-length position. Qualifications: Ph.D. in Psychology and teaching experience in social psychology and experimental psychology courses such as learning. Review of Applications: Immediately. Start Date: 9/1/93. Contact: Chair, Department of Psychology, University of Maine, 5742 Little Hall, Orono, ME 04469-5742.

## Assistant Professor of Nursing, School of Nursing.

Tenure-track position. Qualifications: Completed Doctorate (preferably in Nursing); Masters in Nursing; and two years teaching experience. Review of Applications: 9/15/93. Contact: Laura Dzurec, Chair, Search Committee, University of Maine School of Nursing, 160 College Ave., Orono, ME 04469.

## Assistant Research Professor or Senior Scientist, Department of Plant, Soil and Environmental Sciences.

Dependent of funding. Qualifications: Ph.D. in forest soils, biogeochemistry, soil physics or closely related field. Driver's license required. Deadline: 10/1/93. Contact: Ivan Fernandez, Chair Department of Plant, Soil, and Environmental Sciences, University of Maine, 5722 Deering Hall, Orono, ME 04469-5722.

**Assistant/Associate Professor of Science Education, College of Education.** Tenure-track position. Qualifications: Doctorate in science education preferred; University or college teaching experience; and experience teaching science K-12. Review of Applications: Began 7/28/93 and will continue until position is filled. Start Date: 9/1/93. Contact: Walter Harris, Chair, Science Education Search Committee, 5766 Shibbes Hall, Orono, ME 04469-5766.

**Academic Counselor, Maine Educational Talent Search Program.** Half-time position in Gray-New Gloucester and Wales-

Sabattus-Litchfield School Systems, contingent on funding. Qualifications: Baccalaureate required, master's preferred in education, counseling, social work, or other appropriate field; instructional/classroom experience is strongly preferred; and valid driver's license and automobile required. Salary Range: \$7,762-\$8,797. Review of Applications: 8/20/93. Start Date: 9/1/93. Contact: Search Committee, Maine Educational Talent Search, Room 316, University of Maine, 5713 Chadbourn Hall, Orono, ME 04469-5713.

The University of Maine does not discriminate on the basis of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, disability or veteran status, and promotes affirmative action for women, minorities, persons with disabilities and veterans. Unless otherwise specified, the jobs are full-time, and the address for application information is: The contact person listed, department, University of Maine, Orono, Maine 04469. The listings above are greatly abbreviated. In order to assess your background relative to the job and to submit the most effective application, contact the hiring department for more complete information.

**Assistant Vice President - Fund raising.** The University of Maine General Alumni Association seeks an energetic, highly organized individual to join our fund raising team. The Annual Alumni Fund raises \$2 million from an alumni base of 65,000. The assistant vice president works in collaboration with the Fund staff on a variety of fund raising initiatives including direct mail, phonathon, reunion giving, personal solicitation and donor stewardship. Travel, as well as some evening and weekend work required. The successful candidate will have a minimum of a bachelor's degree and at least two years of applicable professional experience. Must possess excellent communication skills. The position will be available September 1, 1993. Applications will be accepted until the position is filled. Applicants should send a cover letter with detailed resume, salary requirements and the names, addresses and telephone numbers of three references to Vice President-Fund Raising, University of Maine, General Alumni Association, 5719 Crossland Alumni Center, PO Box 550, Orono, ME 04473-0550.

## Publications



**Alan Rosenwasser**, associate professor of psychology: "Circadian Drinking Rhythms in SHR and WKY Rats: Effects of Light Intensity," *Physiology and Behavior*, Vol. 53, pp. 1035-1041 (1993).

**Cynthia Erdley**, assistant professor of psychology (co-authored with Carol Dweck): "Children's Implicit Personality Theories as Predictors of Their Social Judgments," *Child Development*, 64, 863-878.

**Alfred Leick**, associate professor in Surveying

Engineering, and Denizar Blitzkow, University of Sao Paulo, Sao Paulo, Brazil: "GPS Phase and Code Solutions," *Revista Brasileira de Geofisica*, Vol. 10 (2). The paper was written as part of a Fulbright grant awarded Leick during summer 1992 to research applications of the Global Positioning System in Brazil.

**Mary Wiedenhoef**, assistant professor of agronomy: "Management and Environment Effects on Dry Matter Yields of Three Brassica Species," *Agronomy Journal* (May-June 1993) pp. 549-553.

Professor **Michael Lewis**, Art Department, has a painting on exhibit at the Fogg Art Museum, Harvard University, part of a group show: "Collecting for Harvard: Work Acquired through the Generosity of Melvin R. Seiden," July 3 - Aug 15.



### Social Security

**Administration** invites research on issues related to the scheduled increase in retirement age, or on demographic assumptions used to project the status of the Old Age, Survivors, and Disability Insurance Trust Funds. Deadline: Aug. 24.

### Centers for Disease

**Control** invite applications to evaluate interventions designed to reduce interpersonal violence among high-risk adolescents and young adults. Interventions may be educational, regulatory, or environmental. Evaluation may pertain to past, ongoing, or new interventions. Deadline: Aug. 26.

### National Institute on Disability and Rehabilitation Research

FY94 deadlines include Research Training/Career Development, Aug. 27; Field-Initiated Projects, Oct. 5; Research Fellowships, Oct. 15; and Research and Demonstration Projects, Nov. 4.

### National Institutes of Health

invite rehabilitation and psycho-social research in younger women with breast cancer. Objectives are to (1) identify and describe medical, psychosocial, and disability-related sequelae of diagnosis and treatment, and (2) develop and test interventions

directed at identified problems. Deadlines: letter of intent, Aug. 31; application, Nov. 9.

### U.S. Department of Agriculture's Scientific Exchange Program

promotes short-term international exchange in agriculture and forestry. FY94 priorities: human nutrition/diet/health/food safety, and the agriculture/environment interface. Deadline: Sept. 1.

### National Oceanic and Atmospheric Administration's

Saltonstall-Kennedy Grants support research and development addressing needs of commercial and recreational fisheries. Deadline: Sept. 13.

### U.S. Department of Energy

grants partial support to summer programs for children entering grades 6-10 to encourage their pursuit of careers in science, mathematics, and engineering. Maximum award: \$42,000 for two years. Deadline: Sept. 15.

### National Science Foundation's Research

Experience for Under-graduates Program has a new deadline for applications for REU Sites in FY94: Sept. 15.

For more information, call Research & Sponsored Programs, x1476.

Employee Assistance Program (EAP) Summer Coverage through Sept. 1 is being provided by the UMaine Counseling Center. For an appointment, call x1392, identify yourself as an employee or a family member, and state that you are seeking EAP services. EAP consultations are strictly confidential. For questions about EAP or case of emergencies, ask for Charles Grant, x1392.

Employee Assistance Program-Emergency Loan Fund (EAP-ELF) is being suspended for August while the EAP Office will be closed. Applications for the EAP-ELF will be taken Sept. 1 by the EAP Office. Call x4014 for an appointment.

### Maine Perspective will return to weekly publication Sept. 3. NEXT DEADLINE: AUGUST 27.

**If you have news or information, and need to put it in Perspective,**

**WRITE: MAINE PERSPECTIVE, PUBLIC AFFAIRS ▲ E-MAIL: NAGLE**

**FAX: MAINE PERSPECTIVE, 581-3776 ▲ CALL: 581-3745**

**SURPLUS SALE:** The University of Maine offers for sale, on an as-is where-is basis, the following: (10) Husqvarna 254 chainsaws, \$250-\$300 each; (5) chainsaw chaps, \$10 each; 10 hardhats with hearing and face protection, \$10 each; (1) 17' ALUMINUM BOAT, MOTOR & TRAILER, Mirrocraft, 25 HP Evinrude, all with less than 20 days use, \$3000; (1) TABLE TOP STOVE, electric, 2 burner, \$25; (10) WOODEN DESKS, 40"L x 24"D, single pedestal, solid wood, \$25 each; (1) CORVUS NETWORK, BEST OFFER; (1) OLIVETTI PRINTER DY450, \$50; (1) OLYMPIA TYPEWRITER, \$20; (1) MOBILE COMPUTER TABLE, 6' long, on wheels, w/riser and shelves, metal w/formica, BEST OFFER; (4) TYPING ELEMENTS, Orator, Courier, Prestige Elite, Italic, \$6 each; (1) SOFTWARE, Quatro, PSF File, PFS Proof, DEPTS ONLY; (1) IBM ELECTRONIC 60 MEMORY TYPEWRITER, platen knob doesn't turn; \$50; (1) OLYMPIA TYPEWRITER, \$30; (3) 3 BIN SORTER FOR PRINTER, fits any laser printer \$25; (1) APPLE LASERWRITER II, new toner cartridge, \$900; (1) MICROFICHE CAMERA, excellent condition, self-developing, BEST OFFER or FREE TO DEPTS; (2) SOFTWARE OBJECT VISION, for Windows 2.1, 5 months old, never used, \$75 each; (5) Zenith MONOCHROME MONITORS, \$25 each; (6) SLIDE PROJECTOR LAMPS, ELH, 120 volts, 300 watts, FREE TO DEPTS; GIZMOS: (1) Card Swipe/Wand Reader, \$5; (1) Signalman Power Supply, \$5; (1) Network Expansion Board for PS2, \$50; (1) Widget PQ-5 Multiplexer, (new) \$15; (1) Touch Screen Controller Board & Screen, \$10; (1) Tape/Head File System 20+20 MB plus Interface card, \$15; (1) Corvus System Back Up for VCR tape, \$10; (1) IBM Expansion Board 52/50 for PS2, \$50. Off-campus inquiries are welcome. Items usually sell for the prices specified, however, lower offers are sometimes considered. For further information contact Ron Logan, Purchasing Department, 581-2692.

### What's Ahead



**Fall Classes Begin  
SEPT. 7**

Maine Perspective



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